

In The Claims

Please amend the claims as follows:

Claims WHAT IS CLAIMED IS:

1. (CURRENTLY AMENDED) A method of nucleating a second polyethylene polymer comprising:

_____ Use of a first polyethylene polymer having a density of at least 950 kg/m³ as a nucleating agent for a second polyethylene polymer having a density of less than 940 kg/m³ with a nucleating agent, wherein said nucleating agent is a first polyethylene polymer having a density of at least 950 kg/m³.

2. (CURRENTLY AMENDED) The method according to ~~Use of~~ claim 1, wherein said first polyethylene polymer is a homopolymer.

3. (CURRENTLY AMENDED) ~~Use as claimed in~~ The method according to claim 1, or 2 wherein the density of the first polyethylene polymer is at least 955 kg/m³.

4. (CURRENTLY AMENDED) ~~Use as claimed in~~ The method according to claim 1, to 3 wherein the MFR₂ of the first polyethylene polymer is 5 to 20 g/10 min.

5. (CURRENTLY AMENDED) ~~Use as claimed in~~ The method according to claim 1, to 4 wherein the amount of first polyethylene polymer employed is between about 0.6 to 5 %wt, relative to the weight of second polyethylene polymer.

6. (CURRENTLY AMENDED) ~~Use as claimed in~~ The method according to claim 1 to 6, wherein said second polyethylene polymer is a copolymer or terpolymer of ethylene with at least one C₃₋₁₀ α -olefin.

7. (CURRENTLY AMENDED) ~~Use as claimed in~~ The method according to claim 1 to 6 wherein said second polyethylene polymer is made using a single site catalyst.

8. (CURRENTLY AMENDED) ~~Use as claimed in~~ The method according to claim 1 to 7 wherein said second polyethylene polymer is an ethylene/hexene copolymer or ethylene/butene/hexene terpolymer.

9. (CURRENTLY AMENDED) ~~Use as claimed in~~ The method according to claim 1 to 8 wherein the density of the second polyethylene polymer is less than 935 kg/m³.

10. (ORIGINAL) A polymer composition comprising:

A) 0.5 to 5% wt of a polyethylene homopolymer having a density of at least 950 kg/m³; and

B) at least 95% wt of a polyethylene co- or terpolymer with at least one C₃₋₁₀ α -olefin, said polymer having a density of less than 940 kg/m³.

11. (CURRENTLY AMENDED) A film comprising a ~~polymer as claimed in claim 10~~ polymer composition comprising:

A) 0.5 to 5% wt of a polyethylene homopolymer having a density of at least 950 kg/m³; and

B) at least 95% wt of a polyethylene co- or terpolymer with at least one C₃₋₁₀ α -olefin, said polymer having a density of less than 940 kg/m³.

12. (CURRENTLY AMENDED) AThe film as claimed in claim 11 having a Haze (ASTM D 1003) of less than 40% and a gloss (ASTM D 523-66T) of at least 35.